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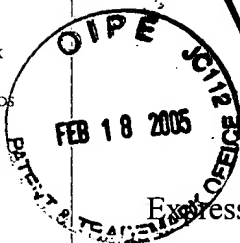
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Express Mailing Label No. EV 485 809 582 US

PATENT APPLICATION  
Docket No: 13587.2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
)  
Trevor Merry et al. )  
)  
Serial No.: 09/553,454 ) Art Unit  
) 2134  
Filed: April 19, 2000 )  
)  
Confirm. No.: 3787 )  
)  
For: SYSTEM FOR IMAGE ENCODING AND DECODING )  
AND THE PRINTABLE SECURITY DEVICE PRODUCED )  
THEREFROM )  
Examiner: Ellen C. Tran )

### TRANSMITTAL FOR SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
PO Box 1450  
Arlington, Virginia 22313-1450

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is a Second Supplemental Information Disclosure Statement, which includes the following statements, if any, required variously by 37 C.F.R. § 1.98:

- X   Statement of relevance of selected cited references not in the English language which are not translated.
- Statement that selected cited references are substantially cumulative of an enclosed or previously submitted reference.

\_\_\_\_ Statement that selected cited references were previously cited by or submitted to the United States Patent and Trademark Office in a prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

A. Additional Materials Required Due to Content of Information Disclosure Statement

Transmitted are the following documents in addition to the Second Supplemental Information Disclosure Statement as required variously under 37 C.F.R. § 1.98:

X Form PTO-1449 listing two (2) references submitted for consideration.

X A copy of each of the references listed on the Form PTO-1449.

\_\_\_\_ English translations of \_\_\_\_\_ (\_\_\_\_) of the references listed on the Form PTO-1449 which are not in the English language.

\_\_\_\_ Copies of the following documents from the prosecution of a previous, related application:

\_\_\_\_ Form PTO-1449 AND INFORMATION DISCLOSURE STATEMENT;  
and

\_\_\_\_ Form PTO-892

B. Additional Materials Required Due to Timing of Filing of Information Disclosure Statement

The transmitted Second Supplemental Information Disclosure Statement is being filed within one (1) of the following four (4) time periods:

I. X Concurrently with filing a Request for Continued Examination (RCE). Accordingly, no materials other than those listed above are enclosed.

II. \_\_\_\_ Following the latter of either three (3) months following the filing date or the mailing of a first Office Action, but before the mailing of a final Office Action or a Notice of Allowance. Accordingly, to secure consideration thereof, one (1) of the following is also enclosed:

\_\_\_\_ Promptness Certification; or

\_\_\_\_ Check No. \_\_\_\_\_ in the amount of \$240.00 constituting the submission fee set forth in 37 C.F.R. § 1.17(p).

III. \_\_\_\_ After the mailing of a Notice of Allowance, but before payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also enclosed:

- \_\_\_ Promptness Certificate;
- \_\_\_ Petition for Consideration; and
- \_\_\_ Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

IV. \_\_\_ After payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also enclosed:

- \_\_\_ Petition to Withdraw from Issue; and
- \_\_\_ Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

C. Fees

The Commissioner is hereby authorized to charge payment of or any deficiency in the following fees associated with this communication, or to credit any overpayment thereof, to Deposit Account No. 23-3178. A duplicate copy of this letter is enclosed.

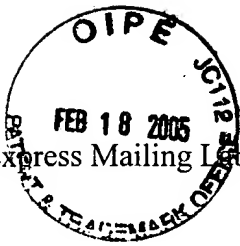
- X Any fee required in relation to filing of this letter or any documents transmitted therewith.
- \_\_\_ The submission fee set forth in 37 C.F.R. § 1.17(p) in the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that any Promptness Certificate submitted meets the requirements of 37 C.F.R. § 1.97(e).
- \_\_\_ The submission fee set forth in 37 C.F.R. § 1.17(p).
- \_\_\_ The petition fee set forth in 37 C.F.R. § 1.17(i)(1).

Dated this 18<sup>th</sup> day of February 2005.

Respectfully submitted,



DANA L. TANGREN  
Attorney for Applicant  
Registration No. 37,246  
Customer No. 022913  
Telephone No. 801.533.9800



Express Mailing Label No. EV 485 809 582 US

PATENT APPLICATION

Docket No: 13587.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		)
		)
	Trevor Merry et al.	)
		) Art Unit
Serial No.	09/553,454	) 2134
		)
Filed:	April 19, 2000	)
		)
Confirmation No.:	3787	)
		)
For:	SYSTEM FOR IMAGE ENCODING AND	)
	DECODING AND THE PRINTABLE SECURITY	)
	DEVICE PRODUCED THEREFROM	)
		)
Examiner:	Ellen C. Tran	)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97

Commissioner for Patents  
PO Box 1450  
Arlington, Virginia 22313-1450

Sir:

Please find, pursuant to 37 CFR § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 CFR § 1.56(c). While no representation is made that these references may be "prior art" within the meaning of that term under 35 USC § 102 or 103, the enclosed listed references are disclosed so as to fully comply with the duty of disclosure set forth in 37 CFR § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 CFR § 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

Statement of Relevance of References Listed  
Unaccompanied by English Translation  
Under 37 CFR § 1.98(a)(3)

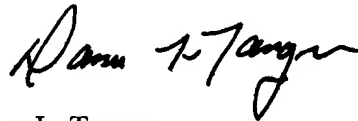
In accordance with 37 CFR § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided.

Swiss Patent No. 399 786 appears to provide the same disclosure as U.S. Patent No. 2,952,080.

PCT Publication No. WO 99-49420: The invention relates to a method for preventing the falsification of documents comprising a photograph, especially a facial-view photograph. The invention is characterized in that the photograph is converted into a digital image file or is present in the form of a digital image file into which a secret image present in binary form is introduced in such a way that the digital image file of the image is divided into "parquet cells" whose number is equal to the number of picture elements of the secret image. The invention is further characterized in that a parameter function is created which assigns a bivalent result value to each parquet cell on the basis of parameter values which describe each picture element. The bivalent result values of all parquet cells form a bivalent position matrix. By means of an optimization method the parameter values of the picture elements of the individual parquet cells are modified in such a way that on the one hand the changes made to the digital image file of the photograph of the document do not result in any visually perceptible changes and on the other hand the result of the application of the parameter function on the individual parquet cells leads to the formation of a bivalent position matrix which corresponds to the binary values of the secret image. The photograph containing the information of the secret image is affixed to the document or printed out together with said document.

Dated this 18<sup>th</sup> day of February 2005.

Respectfully submitted,



Dana L. Tangren  
Attorney for Applicant  
Registration No. 37,246  
Customer No. 022913  
Telephone: (801) 533-9800

Form PTO-1449

Applicant: Trevor Merry et al.

Serial No.: 09/553,454

Filing Date: April 19, 2000

For: SYSTEM FOR IMAGE ENCODING AND DECODING AND THE PRINTABLE  
SECURITY DEVICE PRODUCED THEREFROM

Sheet 1 of 2

Confirmation No. 3787

Att'y Docket No.: 13587.2

Group: 2134

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
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Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
_____ 1	399 786	09/30/1965	Switzerland	No
_____ 2	WO 99/49420	09/30/1999	PCT	No

Other Documents

(including author, title, pertinent pages, etc.)

Examiner

Initial\***References Cited by Applicants**

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142. W:\13587\2\DFW0000013117V001.doc

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.